

	Type	L #	Hits	Search Text	DBs
1	IS&R	L1	920	((455/101) or (455/78) or (455/88) or (455/127.4)).CCLS.	USPAT
2	BRS	L2	46453	"455"/\$.ccls.	USPAT
3	BRS	L3	39841	"370"/\$.ccls.	USPAT
4	BRS	L4	46453	1 or 2	USPAT
5	BRS	L5	80488	3 or 4	USPAT
6	BRS	L6	4234	5 and (first antenna) and (second antenna) and diversity	USPAT
7	BRS	L7	3634	6 and (wireless local area network or WLAN) and (first filter) and (second filter)	USPAT
8	BRS	L8	124	7 and (antenna adj switch) and (media access control or MAC)	USPAT
9	BRS	L10	119	8 AND DIVERSITY AND (TRANSMIT\$3 MODE) AND (RECEIVE\$3 MODE)	USPAT
10	BRS	L12	95	10 AND (RADIO FREQUENCY INTEGRATED CIRCUIT) AND (BAND PASS FILTER) AND (LOW PASS FILTER)	USPAT
11	BRS	L14	1	8 AND BALUN	USPAT
12	BRS	L15	258	12 AND IEE "802.11b"	USPAT
13	BRS	L16	5	15 and diversity and (antenna adj switch)	USPAT
14	BRS	L18	5	17 and diversity	USPAT
15	BRS	L17	7	15 and (IEEE "802.11b") and (antenna adj switch)	USPAT
16	BRS	L19	5	12 and (first filter) and (second adj filter)	USPAT
17	BRS	L20	5	19 and (antenna adj switch) and diversity	USPAT

10064536_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10064536 on September 22, 2004

Original Classifications

3	375/130
2	342/375
2	342/70
2	375/308
2	455/343.1
2	455/553.1
2	455/76
2	455/78
2	455/82

Cross-Reference Classifications

6	455/78
4	455/86
3	375/299
3	455/101
3	455/103
3	455/553.1
2	330/51
2	331/18
2	332/103
2	332/119
2	370/280
2	375/219
2	375/295
2	375/320
2	455/260
2	455/73
2	455/76
2	455/77
2	455/83
2	455/88

Combined Classifications

8	455/78
5	455/553.1
4	455/76
4	455/86
3	342/70
3	375/130
3	375/219
3	375/299
3	375/308
3	455/101

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3 455/103
3 455/73
3 455/82
3 455/83
2 330/51
2 331/18
2 332/103
2 332/119
2 342/158
2 342/375
2 345/179
2 370/280
2 375/295
2 375/320
2 375/347
2 455/260
2 455/343.1
2 455/77
2 455/88

10064536_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10064536 on September 22, 2004

8 455/78 (2 OR, 6 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

 TRANSCEIVER)
 455/78 .With transmitter-receiver switching or
 interaction prevention

5 455/553.1 (2 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

 TRANSCEIVER)
 455/550.1 .Radiotelephone equipment detail
 455/552.1 ..Operable on more than one system
 455/553.1 ...Radiotelephone having plural transceivers
 (e.g., for analog and digital, trunking and
 cellular, etc.)

4 455/76 (2 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

 TRANSCEIVER)
 455/75 .With frequency stabilization (e.g., automatic
 frequency control)
 455/76 ..Synthesizer

4 455/86 (0 OR, 4 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

 TRANSCEIVER)
 455/84 .With a common signal processing stage
 455/86 ..Transmitter oscillator used as local
 oscillator

3 342/70 (2 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE
 342/70 .Radar mounted on and controls land vehicle

10064536 CLSTITLES

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3 375/130      (3 OR, 0 XR)
    Class      375 : PULSE OR DIGITAL COMMUNICATIONS
    375/130      SPREAD SPECTRUM

3 375/219      (1 OR, 2 XR)
    Class      375 : PULSE OR DIGITAL COMMUNICATIONS
    375/219      TRANSCEIVERS

3 375/299      (0 OR, 3 XR)
    Class      375 : PULSE OR DIGITAL COMMUNICATIONS
    375/295      TRANSMITTERS
    375/299      .Plural diversity

3 375/308      (2 OR, 1 XR)
    Class      375 : PULSE OR DIGITAL COMMUNICATIONS
    375/295      TRANSMITTERS
    375/302      .Angle modulation
    375/308      ..Phase shift keying

3 455/101      (0 OR, 3 XR)
    Class      455 : TELECOMMUNICATIONS
    455/91       TRANSMITTER
    455/101      .Diversity

3 455/103      (0 OR, 3 XR)
    Class      455 : TELECOMMUNICATIONS
    455/91       TRANSMITTER
    455/103      .Plural separate transmitters or channels

3 455/73       (1 OR, 2 XR)
    Class      455 : TELECOMMUNICATIONS
    455/73       TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
                    TRANSCEIVER)

3 455/82       (2 OR, 1 XR)
    Class      455 : TELECOMMUNICATIONS
    455/73       TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
                    TRANSCEIVER)
    455/78       .With transmitter-receiver switching or
                    interaction prevention
    455/79       ..Automatic (e.g., voice operated)
    455/82       ...Common antenna

3 455/83       (1 OR, 2 XR)
    Class      455 : TELECOMMUNICATIONS

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10064536_CLSTITLES
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 TRANSCEIVER)
 455/78 .With transmitter-receiver switching or
 interaction prevention
 455/83 ..Single antenna switched between transmitter
 and receiver

2 330/51 (0 OR, 2 XR)
 Class 330 : AMPLIFIERS
 330/51 COMBINED WITH AUTOMATIC AMPLIFIER DISABLING
 SWITCH MEANS

2 331/18 (0 OR, 2 XR)
 Class 331 : OSCILLATORS
 331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS

E

OR FREQUENCY SENSING MEANS
 331/18 .With reference oscillator or source

2 332/103 (0 OR, 2 XR)
 Class 332 : MODULATORS
 332/103 PHASE SHIFT KEYING MODULATOR OR QUADRATURE
 AMPLITUDE MODULATOR

2 332/119 (0 OR, 2 XR)
 Class 332 : MODULATORS
 332/117 FREQUENCY MODULATOR
 332/119 .Plural modulation

2 342/158 (1 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/147 DETERMINING DIRECTION
 342/158 .Scanning

2 342/375 (2 OR, 0 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/368 .Including a steerable array
 342/375 ..With a delay line (e.g., serpentine
 transmission line, frequency scanning)

2 345/179 (1 OR, 1 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

10064536_CLSTITLES
SYSTEMS

345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE
345/179 .Stylus

2 370/280 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/276 DUPLEX

370/277 .Communication over free space

370/280 ..Time division

2 375/295 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/295 TRANSMITTERS

2 375/320 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/320 .Amplitude modulation

2 375/347 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/346 .Interference or noise reduction

375/347 ..Diversity (frequency or time)

2 455/260 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/230 .Local control of receiver operation

455/255 ..Local oscillator frequency control

455/257 ...Automatic

455/258Utilizing particular local oscillator
control

455/259Reference oscillator or source

455/260Phase lock loop or frequency synthesizer

2 455/343.1 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/334 .With particular receiver circuit

455/343.1 ..Having particular power or bias supply

(including self-powered or battery saving means)

2 455/77 (0 OR, 2 XR)

10064536 CLSTITLES

Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)
455/77 .With tuning

2 455/88 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)
455/88 .Transceiver controlling a separate transceive
or receiver

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PLUS Search Results for S/N 10064536, Searched September 22, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5952897
5812612
5459760
5634200
5668829
5771442
5802447
5825813
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6243563
6308047
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6407614
6473600
6549761
6751471
5355524
6606485
5774502
4802235
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4983977
5231405
5349139
5475401

10064536_LIST

5517197
5574966
5579341
5592556
5649296
5721556
5812605
5818883
5854813
5881369
5889814
5929779
5940006
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